

WHAT IS CLAIMED IS:

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1. A leash assembly, comprising:
a housing which defines a handle for the leash assembly and an interior compartment;
a leash extendable from and retractable into the interior compartment;
a generally tubular pet refuse bag dispenser underlying the handle, the bag dispenser including a lid which permits access to an inner cavity of the bag dispenser; and
a plurality of bags disposed within the bag dispenser.

2. The leash assembly of claim 1, wherein the lid comprises a removable cap over an open end of the bag dispenser.

3. The leash assembly of claim 1, wherein the plurality of bags are rolled and detachably connected end to end.

4. The leash assembly of claim 3, including means for centrally and rotationally retaining the roll of plastic bags within the bag dispenser.

5. The leash assembly of claim 4, wherein the means for centrally and rotationally retaining includes a tubular axle about which the roll of plastic bags is wound, and axle guides including an axle guide integrally formed with the lid, and an opposing axle guide formed within an opposite end of the bag dispenser such that the tubular axle, and thus the roll of plastic bags, may rotate within the bag dispenser.

6. The leash assembly of claim 1, including a window formed through a side wall of the bag dispenser for the removal of the plastic bags therefrom.

7. The leash assembly of claim 6, wherein the plurality of plastic bags are folded and contained within a cartridge having a window formed in a side thereof and frictionally fitted within the bag dispenser such that the windows of the bag dispenser and the cartridge substantially align.

8. The leash assembly of claim 1, wherein the lid includes an aperture and a flexible membrane having slits substantially aligned with the aperture for the removal of the plastic bags from the bag dispenser through the lid.

9. The leash assembly of claim 8, wherein the plurality of plastic bags are rolled and detachably connected end to end.

a ~~10~~² 10. The leash assembly of claim ~~2~~¹, wherein the plurality of plastic bags are folded and contained within a cartridge which is frictionally fitted within the inner cavity of the bag dispenser.

~~11~~³ 11. The leash assembly of claim ~~10~~², wherein the cartridge includes a tear away tab for the removal of the plastic bags from the open end of the bag dispenser.

12. The leash assembly of claim 1 wherein the bag dispenser is formed integrally with the leash handle.

13. The leash assembly of claim 1, wherein the bag dispenser is removably connected to the leash handle.

14. The leash assembly of claim 13, including a clamp having an open faced channel and opposing side grooves which slidingly accept a mating rail formed on a top portion of the bag dispenser, such that the bag dispenser can be connected to the base of the leash handle by sliding the rail into the clamp.

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15. A leash assembly, comprising:

a housing which defines a handle for the leash assembly and an interior compartment;

a leash extendable from and retractable into the interior compartment;

a generally tubular pet refuse bag dispenser formed integrally with the handle such that the handle forms an inner cavity of the bag dispenser;

a lid including a removable cap over an open end of the bag dispenser which permits access to the inner cavity of the bag dispenser; and

a plurality of bags disposed within the bag dispenser.

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The leash assembly of claim 15, wherein the plurality of bags are rolled and detachably connected end to end.

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The leash assembly of claim 16, including means for centrally and rotationally retaining the roll of plastic bags within the bag dispenser, the retaining means including a tubular axle about which the roll of plastic bags is wound, and axle guides including an axle guide integrally formed with the lid, and an opposing axle guide formed within an opposite end of the bag dispenser such that the tubular axle, and thus the roll of plastic bags, may rotate within the bag dispenser.

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The leash assembly of claim 17, including a window formed through a side wall of the bag dispenser for the removal of the plastic bags therethrough.

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A leash assembly, comprising:

a housing which defines a handle for the leash assembly and an interior compartment;

a leash extendable from and retractable into the interior compartment;

a generally tubular pet refuse bag dispenser removably connected to the handle;

a lid including a removable cap over an open end of the bag dispenser which permits access to an inner cavity of the bag dispenser; and

a plurality of bags disposed within the bag dispenser.

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~~20~~. The leash assembly of claim ⁸~~10~~, including a clamp having an open faced channel and opposing side grooves which slidingly accept a mating rail formed on a top portion of the bag dispenser, such that the bag dispenser can be connected to the base of the leash handle by sliding the rail into the clamp.

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~~21~~. The leash assembly of claim ⁹~~20~~, wherein the plurality of bags are rolled and detachably connected end to end.

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~~22~~. The leash assembly of claim ¹⁰~~21~~, including means for centrally and rotationally retaining the roll of plastic bags within the bag dispenser, the retaining means including a tubular axle about which the roll of plastic bags is wound, and axle guides including an axle guide integrally formed with the lid, and an opposing axle guide formed within an opposite end of the bag dispenser such that the tubular axle, and thus the roll of plastic bags, may rotate within the bag dispenser.

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~~23~~. The leash assembly of claim ¹⁰~~21~~, including a window formed through a side wall of the bag dispenser for the removal of the plastic bags therefrom.

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~~24~~. The leash assembly of claim ⁸~~19~~, wherein the lid includes an aperture and a flexible membrane having slits substantially aligned with the aperture for the removal of plastic bags from the bag dispenser through the lid.

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~~25~~. The leash assembly of claim ¹³~~24~~, wherein the plurality of plastic bags are rolled and detachably connected end to end.

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~~26~~. The leash assembly of claim ⁸~~19~~, wherein the plurality of plastic bags are folded and contained within a cartridge which is frictionally fitted within the inner cavity of the bag dispenser.

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~~27~~. The leash assembly of claim ¹⁵~~26~~, wherein the cartridge includes a tear away tab for the removal of the plastic bags from the open end of the bag dispenser.

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~~28~~. The leash assembly of claim ¹²~~23~~, wherein the plurality of plastic bags are folded and contained within a cartridge having a window formed in a side thereof and frictionally fitted within the bag dispenser such that the windows of the bag dispenser and the cartridge substantially align.

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